

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	249	((annular or cylindrical) ring) and "204".clas. and ((wafer or substrate) with (holder or support or pedestal))	US-PGPUB; USPAT	ADJ	ON	2007/08/09 15:27
L2	15	((annular or cylindrical) ring) and "204".clas. and ((wafer or substrate) with (holder or support or pedestal)) and (lift pins)	US-PGPUB; USPAT	ADJ	ON	2007/08/09 15:28
S1	1	("5620578").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/06 18:03
S2	2	((("6500742") or ("5620578"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/06 18:25
S3	4	ep-511733-\$ did. or ep-824266-\$ did.	EPO; JPO; DERWENT	ADJ	ON	2007/08/06 18:25
S4	8	("5620578").URPN.	USPAT	ADJ	ON	2007/08/07 09:59
S5	10	("3314395"   "3516386"   "4909695"   "5065698"   "5076205"   "5244554"   "5364219"   "5429729").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 10:17
S6	280	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 11:02
S7	74	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and ("204".clas. or "118".clas. or "427".clas. or "414".clas.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 10:36
S8	201	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replace or remove)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 10:54
S9	0	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replac or remov) control and (robot or automated or automatically)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:55
S10	0	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replac or remov) and control and (robot or automated or automatically)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:55

## EAST Search History

S11	0	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replac or remov) and control	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:55
S12	195	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replace or remove) and control	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:01
S13	57	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replace or remove) and control and (robot or automated or automatically)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:56
S14	69	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replac\$ or remov\$) and control and (robot or automated or automatically)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:56
S15	0	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replace or remove) and control	EPO; JPO; DERWENT	ADJ	ON	2007/08/07 11:02
S16	3	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop))	EPO; JPO; DERWENT	ADJ	ON	2007/08/07 11:06
S17	2139	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac\$ or remov\$))	EPO; JPO; DERWENT	ADJ	ON	2007/08/07 11:07
S18	72107	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac\$ or remov\$))	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:07
S19	3238	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac\$ or remov\$)) and ("204".clas. or "118".clas. or "427".clas. or "414". clas.)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:08

## EAST Search History

S20	487	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac\$ or remov\$)) and ("204".clas. or "118".clas. or "427".clas. or "414". clas.) and process and vacuum and maintenance	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:21
S21	463	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac\$ or remov\$)) and ("204".clas. or "118".clas. or "427".clas. or "414". clas.) and process and vacuum and maintenance and control	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:23
S22	150	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac\$ or remov\$)) and ("204".clas. or "118".clas. or "427".clas. or "414". clas.) and process and vacuum and maintenance and control and ((slot or gate) near5 valve)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:50

## EAST Search History

S23	100	(("4851995") or ("5237529") or ("5491338") or ("5592413") or ("5954803") or ("4471425") or ("4954945") or ("5007981") or ("5200017") or ("5467436") or ("5729623") or ("5974233") or ("6100999") or ("6232248") or ("4244288") or ("4353975") or ("4361392") or ("4398245") or ("4400778") or ("4445176") or ("4453215") or ("4483916") or ("4483124") or ("4491916") or ("4500750") or ("4597084") or ("4630105") or ("4757442") or ("4806210") or ("4813001") or ("4847110") or ("4878173") or ("4958057") or ("4967340") or ("4984002") or ("5026590") or ("5210751") or ("5235685") or ("5274508") or ("5278478") or ("5333037") or ("5334439") or ("5410542") or ("5414740") or ("5467454") or ("5563745") or ("5640598") or ("5646521") or ("5673077") or ("5721884") or ("5730574") or ("5748124") or ("5781908") or ("5835691") or ("5858604") or ("5894569") or ("5920498") or ("5923901") or ("5956503") or ("5971638") or ("5978609") or ("6026267") or ("6048154") or ("6092981") or ("6097846") or ("6139641") or ("6193459") or ("6201552") or ("6228773") or ("6240438") or ("4252598") or ("4262101") or ("4264930") or ("4264808") or ("4272181") or ("4277836") or ("4289840") or ("4295204") or ("4294906") or ("4296069") or ("4297429") or ("4299476") or ("4303459") or ("4307149") or ("4310327") or ("4314328") or ("4317313") or ("4318660") or ("4319827") or ("4320187") or ("4320505") or ("4321239") or ("4321486") or ("4322752") or ("4327127") or ("4337403") or ("4341858") or ("4355090") or ("4357407") or ("4358523")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/07 11:50
S24	1	("3340146").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/07 13:58
S25	0	("2002/0132380").URPN.	USPAT	ADJ	ON	2007/08/07 15:04

## EAST Search History

S26	1	("6095741").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 11:21
S27	42	("0666123"   "0777450"   "0966986"   "0980004"   "1021710"   "1396316"   "1814927"   "2376875"   "2388917"   "2656885"   "2667342"   "3260381"   "3340146"   "3418213"   "3471373"   "3489298"   "3700132"   "3772519"   "3847616"   "3913756"   "4553069"   "4577112"   "4637342"   "4699555"   "4722654"   "4824309").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/08 14:36